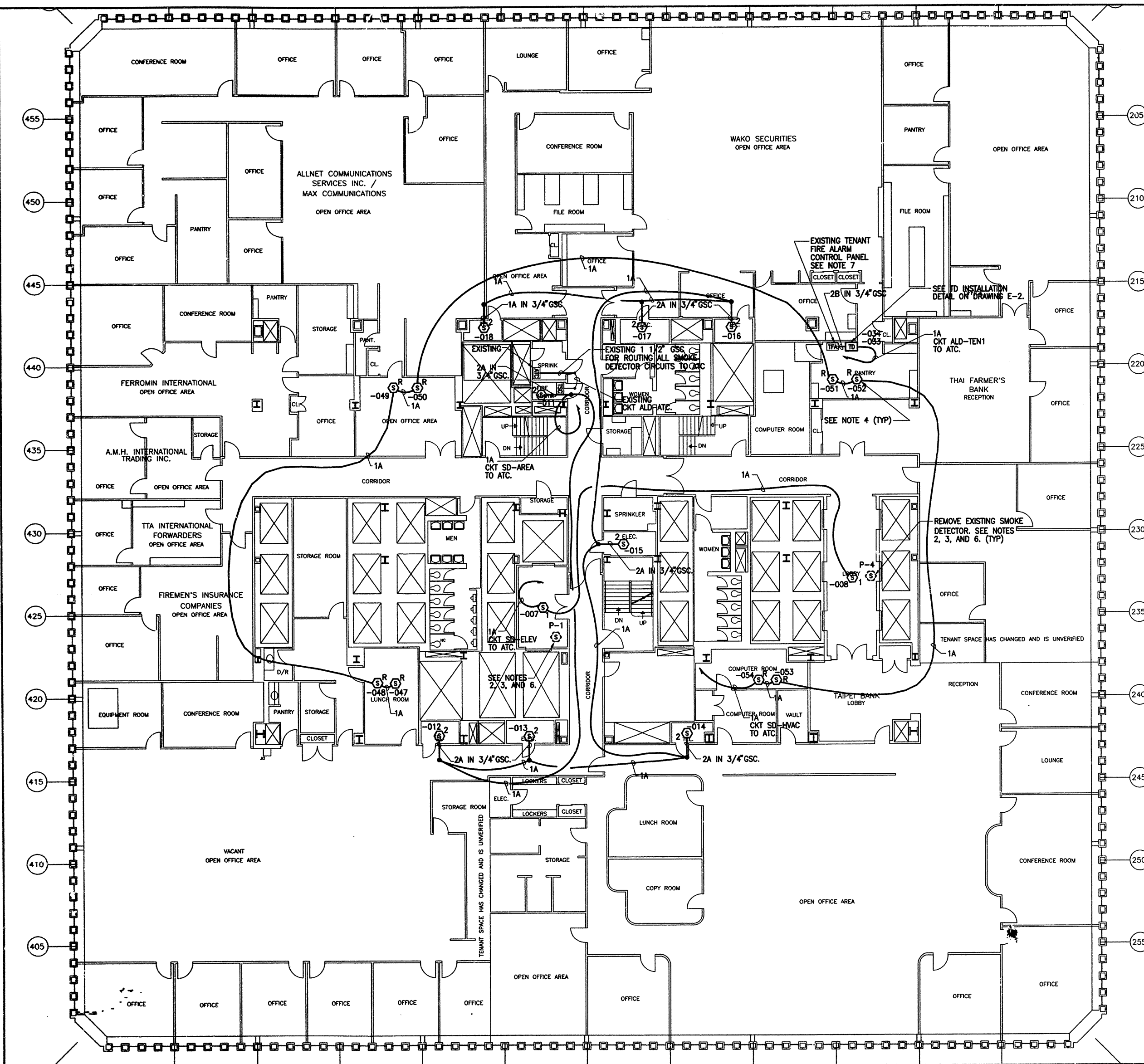


REVISION No. 9



# NOTES

1. FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES, SEE DWG. E-1. FOR INSTALLATION DETAILS, SEE DWG. E-2. FOR WIRING DIAGRAMS, SEE DWG. E-3.
2. CONTRACTOR SHALL REMOVE EXISTING SMOKE DETECTORS ONLY AFTER INSTALLED DEVICES ARE OPERATIONAL.
3. FOR REMOVAL AND PATCHING PLAN DETAILS (P-1, P-2, P-3 & P-4), SEE DWG. A-1.
4. FOR RETURN AIR SMOKE DETECTORS ARRANGEMENT AND NOTES, SEE DWG. M-1.
5. SINCE FIRE ALARM CIRCUIT LENGTH IS CRITICAL, ROUTING AND INSTALLATION OF ALL FIRE ALARM CIRCUITS SHALL BE AS SHOWN ON DRAWING.
6. DISCONNECT AND ABANDON EXISTING SMOKE DETECTOR CIRCUITS IN CEILING. TAPE ENDS OF ABANDONED CONDUCTORS AND TAG AS ABANDONED. THIS WORK SHALL BE DONE IN THE PRESENCE OF THE ENGINEER.
7. COORDINATE CONDUIT PENETRATION OF TENANT FIRE ALARM CONTROL PANEL WITH TENANT FIRE ALARM CONTROL PANEL VENDOR THROUGH THE ENGINEER.

Sheet 32 of 75

THE PORT AUTHORITY  
OF NEW YORK

ORIGINAL SIGNED BY JERROLD DINKELS  
ENGINEERING PROGRAM MANAGER  
WORLD TRADE

ORIGINAL SIGNED BY JACK BUCHSBAUM  
CHIEF ELECTRICAL ENGINEER

1	8/23/99	AS-BD/CONFORMED DRAWING TO ADDENDUM #1	A. S.
No.	Date	Revision	Approved

ENGINEERING DEPARTMENT  
DESIGN DIVISION

WORLD  
TRADE  
CENTER

## ELECTRICAL

Title  
FIRE ALARM SYSTEM  
DEVICE UPGRADE  
PHASE III  
1 WORLD TRADE CENTER  
CONTRACT NO. 3

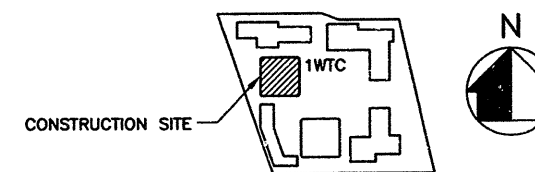
83rd FLOOR  
SMOKE DETECTOR  
INSTALLATION AND  
REMOVAL PLAN

This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

S. FELDSTEIN F. BROWN A. SENIOR  
Designed by Drawn by Checked by

AUGUST 9, 1999  
Date

WTC-861.178 E-083-3  
Contract Number Drawing Number



KEY PLAN